



Conditional Approval for the CPT and DMT

Craig Barnitz

to:

Scott.Greenberg, Dave Roskelley

06/30/2010 11:32 AM

Cc:

Joyce Ackerman, "Dale Urban"

Hide Details

From: "Craig Barnitz" <cbarnitz@utah.gov>

To: <Scott.Greenberg@PacifiCorp.com>, "Dave Roskelley" <dave@rrenviro.com>

Cc: Joyce Ackerman/R8/USEPA/US@EPA, "Dale Urban" <durban@utah.gov>

Dave,

After conferring with Joyce Ackerman (EPA), approval for the Cone Penetration Soundings (CPT) and Dilatometer Testing (DMT) will be contingent on the following modifications to the *3rd West Substation Work Plan* dated June 11, 2010. Please contact me with any questions. Thanks.

- Workers operating the rig need to be equipped with, at minimum, a half-face negative pressure air-purifying respirator (APR) and will have received appropriate OSHA Hazwoper CFR 1910.120 training and appropriate certification for wearing the APR. Workers shall also be properly informed of all on-site hazards prior to commencing work.
- Workers will need to wear the APR during all on-site operations.
- All subsurface materials brought to the ground surface from the hydraulic push-rod operations will need to be deposited back into the CPT and DMT hole prior to sealing the hole with bentonite. Any subsurface materials that cannot be deposited back into the hole will need to be containerized and disposed as asbestos containing material (ACM).
- Between each CPT and DMT hole and prior to leaving the site, rods and attachments will need to be decontaminated with a thorough wet wash. All decontamination or waste water generated at the site during the CPT and DMT phase of work described in the Work Plan will need to be containerized and disposed as ACM. Disposal options include obtaining a permit from Salt Lake City and after filtering the waste water, discharging it to the sanitary sewer, or taking the waste water to a landfill that can accept ACM. The waste water would include any water

generated during the decontamination of any drilling equipment, sampling equipment, or PPE exposed to subsurface soils inside the property boundary.

Craig Bamitz
Environmental Scientist
Emergency Response/Site Assessment
UDEQ/DERR
Phone: (801) 536-0071
Fax: (801) 536-4242
cbamitz@utah.gov



RE: Conditional Approval for the CPT and DMT

Craig Barnitz

to:

Scott.Greenberg@PacifiCorp.com, Dave Roskelley

06/30/2010 04:52 PM

Cc:

Joyce Ackerman, "Dale Urban"

Hide Details

From: "Craig Barnitz" <cbarnitz@utah.gov>

To: "Scott.Greenberg@PacifiCorp.com" <Scott.Greenberg@PacifiCorp.com>, "Dave Roskelley" <dave@rrenviro.com>

Cc: Joyce Ackerman/R8/USEPA/US@EPA, "Dale Urban" <durban@utah.gov>

Dave,

After consulting with Joyce Ackerman (EPA), if a safe zone can be established within the sub-station property at a safe distance away from the rig and any generated dusts it will be o.k. for the supervisor to not have his 40-hour HAZWOPER training. The supervisor will need to remain within the safe zone while the work is being conducted. The HAZWOPER training is required for any personnel working around the rig or handling the testing equipment or any other potentially contaminated work related material.

Thanks,

Craig

Craig Barnitz
Environmental Scientist
Emergency Response/Site Assessment
UDEQ/DERR
Phone: (801) 536-0071
Fax: (801) 536-4242
cbarnitz@utah.gov

>>> Dave Roskelley <dave@rrenviro.com> 6/30/2010 1:57 PM >>>

Craig,

Rocky Mountain Power asked if everyone on-site needs 40-Hour HAZWOPER training or just the rig operators. Meaning, could the supervisor (not operating the rig) be non- 40-Hour HAZWOPER trained?

Thanks.....

David C. Roskelley, MSPH, CIH, CSP

R & R Environmental, Inc.

47 West 9000 South, Suite #2

Sandy, Utah 84070

(801) 541-1035: Cell

(801) 352-2380: Office

(801) 352-2381: Fax

www.rrenviro.com

From: Craig Barnitz [mailto:cbarnitz@utah.gov]

Sent: Wednesday, June 30, 2010 11:32 AM

To: Scott.Greenberg@PacifiCorp.com; Dave Roskelley

Cc: Joyce Ackerman; Dale Urban

Subject: Conditional Approval for the CPT and DMT

Dave,

After conferring with Joyce Ackerman (EPA), approval for the Cone Penetration Soundings (CPT) and Dilatometer Testing (DMT) will be contingent on the following modifications to the *3rd West Substation Work Plan* dated June 11, 2010. Please contact me with any questions. Thanks.

- Workers operating the rig need to be equipped with, at minimum, a half-face negative pressure air-purifying respirator (APR) and will have received appropriate OSHA Hazwoper CFR 1910.120 training and appropriate certification for wearing the APR. Workers shall also be properly informed of all on-site hazards prior to commencing work.
- Workers will need to wear the APR during all on-site operations.
- All subsurface materials brought to the ground surface from the hydraulic push-rod operations will need to be deposited back into the CPT and DMT hole prior to sealing the hole with bentonite. Any subsurface materials that cannot be deposited back into the hole will need to be containerized and disposed as asbestos containing material (ACM).
- Between each CPT and DMT hole and prior to leaving the site, rods and attachments will need to be decontaminated with a thorough wet wash. All decontamination or waste water generated at the site during the CPT and DMT phase of work described in the Work Plan will need to be containerized and disposed as ACM. Disposal options include obtaining a permit from Salt Lake City and after filtering the waste water, discharging it to the sanitary sewer, or taking the

waste water to a landfill that can accept ACM. The waste water would include any water generated during the decontamination of any drilling equipment, sampling equipment, or PPE exposed to subsurface soils inside the property boundary.

Craig Bamitz
Environmental Scientist
Emergency Response/Site Assessment
UDEQ/DERR
Phone: (801) 536-0071
Fax: (801) 536-4242
cbamitz@utah.gov



RE: Conditional Approval for the CPT and DMT

Dave Roskelley

to:

Craig Barnitz, Scott.Greenberg@PacifiCorp.com

06/30/2010 05:19 PM

Cc:

Joyce Ackerman, Dale Urban

Hide Details

From: Dave Roskelley <dave@rrenviro.com>

To: Craig Barnitz <cbarnitz@utah.gov>, "Scott.Greenberg@PacifiCorp.com" <Scott.Greenberg@PacifiCorp.com>

Cc: Joyce Ackerman/R8/USEPA/US@EPA, Dale Urban <durban@utah.gov>

Thanks for the clarification.

David C. Roskelley, MSPH, CIH, CSP

R & R Environmental, Inc.

47 West 9000 South, Suite #2

Sandy, Utah 84070

(801) 541-1035: Cell

(801) 352-2380: Office

(801) 352-2381: Fax

www.rrenviro.com

From: Craig Barnitz [<mailto:cbarnitz@utah.gov>]

Sent: Wednesday, June 30, 2010 4:52 PM

To: Scott.Greenberg@PacifiCorp.com; Dave Roskelley

Cc: Joyce Ackerman; Dale Urban

Subject: RE: Conditional Approval for the CPT and DMT

Dave,

After consulting with Joyce Ackerman (EPA), if a safe zone can be established within the sub-station property at a safe distance away from the rig and any generated dusts it will be o.k. for the supervisor to not have his 40-hour HAZWOPER training. The supervisor will need to remain within the safe zone while the work is being conducted. The HAZWOPER training is required for any personnel working around the rig or handling the testing equipment or any other potentially contaminated work related material.

Thanks,

Craig

Craig Barnitz
Environmental Scientist
Emergency Response/Site Assessment
UDEQ/DERR
Phone: (801) 536-0071
Fax: (801) 536-4242
cbarnitz@utah.gov

>>> Dave Roskelley <dave@rrenviro.com> 6/30/2010 1:57 PM >>>
Craig,

Rocky Mountain Power asked if everyone on-site needs 40-Hour HAZWOPER training or just the rig operators. Meaning, could the supervisor (not operating the rig) be non- 40-Hour HAZWOPER trained?

Thanks.....

David C. Roskelley, MSPH, CIH, CSP
R & R Environmental, Inc.
47 West 9000 South, Suite #2
Sandy, Utah 84070
(801) 541-1035: Cell
(801) 352-2380: Office
(801) 352-2381: Fax
www.rrenviro.com

From: Craig Barnitz [mailto:cbarnitz@utah.gov]
Sent: Wednesday, June 30, 2010 11:32 AM
To: Scott.Greenberg@PacifiCorp.com; Dave Roskelley
Cc: Joyce Ackerman; Dale Urban
Subject: Conditional Approval for the CPT and DMT

Dave,

After conferring with Joyce Ackerman (EPA), approval for the Cone Penetration Soundings (CPT) and

Dilatometer Testing (DMT) will be contingent on the following modifications to the *3rd West Substation Work Plan* dated June 11, 2010. Please contact me with any questions. Thanks.

- Workers operating the rig need to be equipped with, at minimum, a half-face negative pressure air-purifying respirator (APR) and will have received appropriate OSHA Hazwoper CFR 1910.120 training and appropriate certification for wearing the APR. Workers shall also be properly informed of all on-site hazards prior to commencing work.
- Workers will need to wear the APR during all on-site operations.
- All subsurface materials brought to the ground surface from the hydraulic push-rod operations will need to be deposited back into the CPT and DMT hole prior to sealing the hole with bentonite. Any subsurface materials that cannot be deposited back into the hole will need to be containerized and disposed as asbestos containing material (ACM).
- Between each CPT and DMT hole and prior to leaving the site, rods and attachments will need to be decontaminated with a thorough wet wash. All decontamination or waste water generated at the site during the CPT and DMT phase of work described in the Work Plan will need to be containerized and disposed as ACM. Disposal options include obtaining a permit from Salt Lake City and after filtering the waste water, discharging it to the sanitary sewer, or taking the waste water to a landfill that can accept ACM. The waste water would include any water generated during the decontamination of any drilling equipment, sampling equipment, or PPE exposed to subsurface soils inside the property boundary.

Craig Bamitz
Environmental Scientist
Emergency Response/Site Assessment
UDEQ/DERR
Phone: (801) 536-0071
Fax: (801) 536-4242
cbamitz@utah.gov